40 CFR Part 63, Subpart GG - Requirements Reference Tables

Subpart GG Standards

- §63.741(i)|1 Waterborne coatings for which the manufacturers supplied data can demonstrate Volatile Organic Compound (VOC) contents are less than or equal to the VOC content limits of their coating type.
- §63.741(i)|2 Waterborne coatings for which the manufacturers supplied data can demonstrate organic Hazardous Air Pollutant (HAP) contents are less than or equal to the organic HAP content limits of their coating type.
- §63.744(b)(1)|1 Handwipe Cleaning Operations composition requirements for Aqueous solvents containing VOC.
- §63.744(b)(1)|2 Handwipe Cleaning Operations composition requirements for Hydrocarbon-based solvents.
- §63.744(b)(1)|3 Handwipe Cleaning Operations composition requirements for Aqueous solvents containing organic HAP.
- §63.744(b)(2)|1 Handwipe Cleaning Operations using solvents containing VOC with a composite vapor pressure of 45 mm Hg (24.1 in. H_2 O) or less at 20 °C (68 °F).
- §63.744(b)(2)|2 Handwipe Cleaning Operations using solvents containing organic HAP with a composite vapor pressure of 45 mm Hg (24.1 in. H_2 O) or less at 20 °C (68 °F).
- §63.744(b)(3)|1 Handwipe Cleaning Operations using solvents containing VOC and demonstrating volume of solvent has been reduced by at least 60 percent from a baseline adjusted for production.
- §63.744(b)(3)|2 Handwipe Cleaning Operations using solvents containing organic HAP and demonstrating volume of solvent has been reduced by at least 60 percent from a baseline adjusted for production.
- §63.744(c)|1 Spray Gun Cleaning Operations using solvents containing VOC.
- §63.744(c)|2 Spray Gun Cleaning Operations using solvents containing organic HAP.
- §63.744(c)(5)|1 Spray Gun Cleaning of nozzle tips using solvents containing VOC, except for Robotic Systems.
- §63.744(c)(5)|2 Spray Gun Cleaning of nozzle tips using solvents containing organic HAP, except for Robotic Systems.
- §63.744(d)|1 Requirements for emptying flush cleaning operations using solvents containing VOC.
- §63.744(d)|2 Flush cleaning operations using Table 1 solvents containing VOC or semi-aqueous solvents containing VOC.
- §63.744(d)|3 Requirements for emptying flush cleaning operations using solvents containing organic HAP.
- §63.744(d)|4 Flush cleaning operations using Table 1 solvents containing organic HAP or semi-aqueous solvents containing organic HAP.
- §63.744(e)|1 Exempt Cleaning Operations using solvents containing VOC.
- §63.744(e)|2 Exempt Cleaning Operations using solvents containing organic HAP.
- §63.745(c)(1) Emission Limits for organic HAP emissions from uncontrolled Primer application operations.
- §63.745(c)(2) Emission Limits for VOC emissions from uncontrolled Primer application operations.
- §63.745(c)(3) Emission Limits for organic HAP emissions from uncontrolled Topcoat application operations.
- §63.745(c)(4) Emission Limits for VOC emissions from uncontrolled Topcoat application

operations.

- §63.745(c)(5)|1 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Ablative Coatings.
- §63.745(c)(5)|2 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Adhesion Promoters.
- §63.745(c)(5)|3 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Adhesive Bonding Primers. Cured at 250 °F or below.
- §63.745(c)(5)|4 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Adhesive Bonding Primers. Cured above 250 °F.
- §63.745(c)(5)|5 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Commercial Interior Adhesives.
- §63.745(c)(5)|6 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Cyanoacrylate Adhesives.
- §63.745(c)(5)|7 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Fuel Tank Adhesives.
- §63.745(c)(5)|8 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Nonstructural Adhesives.
- §63.745(c)(5)|9 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Rocket Motor Bonding Adhesives.
- §63.745(c)(5)|10 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Rubber-based Adhesives.
- §63.745(c)(5)|11 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Structural Autoclavable Adhesives.
- §63.745(c)(5)|12 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Structural Nonautoclavable Adhesives.
- §63.745(c)(5)|13 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Antichafe Coatings.
- §63.745(c)(5)|14 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Bearing Coatings.
- §63.745(c)(5)|15 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Caulking and Smoothing Compounds.
- §63.745(c)(5)|16 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Chemical Agent-Resistant Coatings.
- §63.745(c)(5)|17 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Clear Coatings.
- §63.745(c)(5)|18 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Commercial Exterior Aerodynamic Structure Primer.
- §63.745(c)(5)|19 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Compatible Substrate Primer.
- §63.745(c)(5)|20 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Corrosion Prevention Systems.
- §63.745(c)(5)|21 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Cryogenic Flexible Primers.
- §63.745(c)(5)|22 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Cryoprotective Coatings.
- §63.745(c)(5)|23 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Dry Lubricative Material.
- §63.745(c)(5)|24 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Electric or Radiation-Effect Coatings.

- §63.745(c)(5)|25 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Electrostatic Discharge and Electromagnetic Interference Coatings.
- §63.745(c)(5)|26 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Elevated-Temperature Skydrol-Resistant Commercial Primer.
- §63.745(c)(5)|27 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Epoxy Polyamide Topcoats.
- §63.745(c)(5)|28 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Fire-Resistant Coatings.
- §63.745(c)(5)|29 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Flexible Primers.
- §63.745(c)(5)|30 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Flight-Test Coatings.
- §63.745(c)(5)|31 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Antichafe Coatings.
- §63.745(c)(5)|32 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Fuel-Tank Coatings.
- §63.745(c)(5)|33 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for High-Temperature Coatings.
- §63.745(c)(5)|34 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Insulation Coverings.
- §63.745(c)(5)|35 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Intermediate Release Coatings.
- §63.745(c)(5)|36 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Lacquer.
- §63.745(c)(5)|37 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Bonding Maskants.
- §63.745(c)(5)|38 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Critical Use and Line Sealer Maskants.
- §63.745(c)(5)|39 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Seal Coat Maskants.
- §63.745(c)(5)|40 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Metallized Epoxy Coatings.
- §63.745(c)(5)|41 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Mold Release.
- §63.745(c)(5)|42 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings for Optical Anti-Reflective Coatings.
- §63.745(c)(5)|43 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Part Marking Coatings.
- §63.745(c)(5)|44 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Pretreatment Coatings.
- §63.745(c)(5)|45 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Rain Erosion-Resistant Coatings.
- §63.745(c)(5)|46 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Rocket Motor Nozzle Coatings.
- §63.745(c)(5)|47 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Scale Inhibitors.
- §63.745(c)(5)|48 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Screen Print Inks.
- §63.745(c)(5)|49 Emission limits for organic HAP emissions from uncontrolled Specialty

Coatings, for Extrudable/Rollable/Brushable Sealants.
- §63.745(c)(5)|50 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Sprayable Sealants.
- §63.745(c)(5)|51 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings for Silicone Insulation Materials.
- §63.745(c)(5)|52 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings for Solid Film Lubricants.
- §63.745(c)(5)|53 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Specialized Function Coatings.
- §63.745(c)(5)|54 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Temporary Protective Coatings.
- §63.745(c)(5)|55 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Thermal Control Coatings.
- §63.745(c)(5)|56 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Wet Fastener Installation Coatings.
- §63.745(c)(5)|57 Emission limits for organic HAP emissions from uncontrolled Specialty Coatings, for Wing Coatings.
- §63.745(c)(6)|1 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Ablative Coatings.
- §63.745(c)(6)|2 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Adhesion Promoters.
- §63.745(c)(6)|3 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Adhesion Bonding Primers. Cured at 250 °F or below.
- §63.745(c)(6)|4 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Adhesive Bonding Primers. Cured above 250 °F.
- §63.745(c)(6)|5 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Commercial Interior Adhesives.
- §63.745(c)(6)|6 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Cyanoacrylate Adhesives.
- §63.745(c)(6)|7 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Fuel Tank Adhesives.
- §63.745(c)(6)|8 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Nonstructural Adhesives.
- §63.745(c)(6)|9 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Rocket Motor Bonding Adhesives.
- §63.745(c)(6)|10 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Rubber-based Adhesives.
- §63.745(c)(6)|11 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Structural Autoclavable Adhesives.
- §63.745(c)(6)|12 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Structural Nonautoclavable Adhesives.
- §63.745(c)(6)|13 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Antichafe Coatings.
- §63.745(c)(6)|14 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Bearing Coatings.
- §63.745(c)(6)|15 Emission limits for VOC emissions from uncontrolled Specialty Coatings for Caulking and Smoothing Compounds.
- §63.745(c)(6)|16 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Chemical Agent-Resistant Coatings.

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- §63.745(c)(6)|18 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Commercial Exterior Aerodynamic Structure Primer.
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- §63.745(c)(6)|24 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Electric or Radiation-Effect Coatings.
- §63.745(c)(6)|25 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Electrostatic Discharge and Electromagnetic Interference Coating.
- §63.745(c)(6)|26 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Elevated-Temperature Skydrol-Resistant Commercial Primer.
- §63.745(c)(6)|27 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Epoxy Polyamide Topcoats.
- §63.745(c)(6)|28 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Fire-Resistant Coatings.
- §63.745(c)(6)|29 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Flexible Primers.
- §63.745(c)(6)|30 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Flight-Test Coatings: Missile or Single Use Aircraft.
- §63.745(c)(6)|31 Emission limits for VOC emissions from uncontrolled Specialty Coatings for Flight-Test Coatings: All Other.
- §63.745(c)(6)|32 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Fuel-Tank Coatings.
- §63.745(c)(6)|33 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for High-Temperature Coatings.
- §63.745(c)(6)|34 Emission limits for VOC emissions from uncontrolled Specialty Coatings for Insulation Covering.
- §63.745(c)(6)|35 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Intermediate Release Coatings.
- §63.745(c)(6)|36 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Lacquers.
- §63.745(c)(6)|37 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Bonding Maskants.
- §63.745(c)(6)|38 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Critical Use and Line Sealer Maskant.
- §63.745(c)(6)|39 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Seal Coat Maskants.
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Coatings, for Mold Release.

- §63.745(c)(6)|42 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Optical Anti-Reflective Coatings.
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- §63.745(c)(6)|49 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Extrudable/Rollable/Brushable Sealants.
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- §63.745(c)(6)|54 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Temporary Protective Coatings.
- §63.745(c)(6)|55 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Thermal Control Coatings.
- §63.745(c)(6)|56 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Wet fastener Installation Coatings.
- §63.745(c)(6)|57 Emission limits for VOC emissions from uncontrolled Specialty Coatings, for Wing Coatings.
- §63.745(d)|1 Control system requirements for controlled coatings with VOC emissions.
- §63.745(d)|2 Control system requirements for controlled coatings with organic HAP emissions.
- §63.746(b)(1) Organic HAP emissions from non-HAP chemical strippers and technologies in uncontrolled Depainting operations.
- §63.746(c)(1) Emission Limits for organic HAP emissions from controlled Depainting operations where the control system was installed before the effective date.
- §63.746(c)(2) Emission Limits for organic HAP emissions from controlled Depainting operations where the control system was installed after the effective date.
- §63.747(c)(1) Emission Limits for organic HAP emissions from uncontrolled Chemical Milling Maskant application operations.
- §63.747(c)(2) Emission Limits for VOC emissions from uncontrolled Chemical Milling Maskant application operations.
- §63.747(d)|1 Control System requirements for Chemical Milling Maskant application operations with VOC emissions.
- §63.747(d)|2 Control System requirements for Chemical Milling Maskant application

operations with organic HAP emissions.

These requirement reference tables are for sources subject to the Texas Federal Operating Permits Program and subject to revision.

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